| Is | sue C | Classif | ication |
|----|-------|---------|---------|
|    |       |         |         |

| Application/Control No.    | Applicant(s)/Patent under . Reexamination |  |  |  |  |  |  |  |
|----------------------------|---|--|--|--|--|--|--|--|
| 09/512,581                 | SOTO ET AL.                               |  |  |  |  |  |  |  |
| Examiner                   | Art Unit                                  |  |  |  |  |  |  |  |
| Stephen L. Rawlings, Ph.D. | 1642                                      |  |  |  |  |  |  |  |

|   |      |      |      |                       | IS    | SUE CI                            | LASSIF       | ICATIO                 | )N                          |                            |  |  |  |  |  |  |  |
|---|------|------|------|-----------------------|-------|-----------------------------------|--------------|------------------------|-----------------------------|----------------------------|--|--|--|--|--|--|--|
|   |      |      | ORIG | INAL                  |       | CROSS REFERENCE(S)                |              |                        |                             |                            |  |  |  |  |  |  |  |
| CLASS SUBCLASS                                  |      |      |      |                       | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) |              |                        |                             |                            |  |  |  |  |  |  |  |
| 435 69.1  |      | 536  | 23.1 | 23.1 23.5 24.31 24.33 |       |                                   |              |                        |                             |                            |  |  |  |  |  |  |  |
| IN:   | TERN | ITAI | ONAL | CLASSIFICATION        | 435   | 320.1                             | 325          |                        |                             |                            |  |  |  |  |  |  |  |
| c   | 1    | 2    | Р    | 21/06                 |       |                                   |              |                        |                             |                            |  |  |  |  |  |  |  |
|   |      |      |      | 1                     |       |                                   |              |                        |                             |                            |  |  |  |  |  |  |  |
|   |      |      |      | 1                     |       |                                   |              |                        |                             |                            |  |  |  |  |  |  |  |
|   |      |      |      | 1                     |       |                                   |              |                        |                             |                            |  |  |  |  |  |  |  |
|   |      |      |      | 7                     |       |                                   |              |                        |                             |                            |  |  |  |  |  |  |  |
| Stephen L. Rawlings (Assistant Examiner) (Date) |      |      |      |                       | /05-  | /                                 |              | ELMS, PH.D<br>EXAMINER | Total Claims Allowed: 11    |                            |  |  |  |  |  |  |  |
| (Legal Instruments Examiner) (Date)             |      |      |      |                       |       | $M_{\scriptscriptstyle (Prir}$    | nary Examine | ) 6                    | O.G.<br>Print Claim(s)<br>1 | O.G.<br>Print Fig.<br>None |  |  |  |  |  |  |  |

| Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          | ☐ CPA |          |  | ☐ T.D. |          |  | ☐ R.1.47 |          |  |       |          |
|---|----------|--|-------|----------|--|-------|----------|-------|----------|--|--------|----------|--|----------|----------|--|-------|----------|
| Final   | Original |  | Final | Original |  | Final | Original | Final | Original |  | Final  | Original |  | Final    | Original |  | Final | Original |
| 1   | 1        |  |       | 31       |  |       | 61       |       | 91       |  |        | 121      |  |          | 151      |  |       | 181      |
| 8   | 2        |  |       | 32       |  |       | 62       |       | 92       |  |        | 122      |  |          | 152      |  |       | 182      |
|   | 3        |  |       | 33       |  |       | 63       |       | 93       |  |        | 123      |  |          | 153      |  |       | 183      |
|   | 4        |  |       | 34       |  |       | 64       |       | 94       |  |        | 124      |  |          | 154      |  |       | 184      |
| 9   | 5        |  |       | 35       |  |       | 65       |       | 95       |  |        | 125      |  |          | 155      |  |       | 185      |
|   | 6        |  |       | 36       |  |       | 66       |       | 96       |  |        | 126      |  |          | 156      |  |       | 186      |
|   | 7        |  |       | 37       |  |       | 67       |       | 97       |  |        | 127      |  |          | 157      |  |       | 187      |
| 2   | 8        |  |       | 38       |  | 11    | 68       |       | 98       |  |        | 128      |  |          | 158      |  |       | 188      |
| 4   | 9        |  |       | 39       |  |       | 69       |       | 99       |  |        | 129      |  |          | 159      |  |       | 189      |
| 5   | 10       |  |       | 40       |  |       | 70       |       | 100      |  |        | 130      |  |          | 160      |  |       | 190      |
| 6   | 11       |  |       | 41       |  |       | 71       |       | 101      |  |        | 131      |  |          | 161      |  |       | 191      |
| 7   | 12       |  |       | 42       |  |       | 72       |       | 102      |  |        | 132      |  |          | 162      |  |       | 192      |
|   | 13       |  |       | 43       |  |       | 73       |       | 103      |  |        | 133      |  |          | 163      |  |       | 193      |
|   | 14       |  |       | 44       |  |       | 74       |       | 104      |  |        | 134      |  |          | 164      |  |       | 194      |
|   | 15       |  |       | 45       |  |       | 75       |       | 105      |  |        | 135      |  |          | 165      |  |       | 195      |
|   | 16_      |  |       | 46       |  |       | 76       |       | 106      |  |        | 136      |  |          | 166      |  |       | 196      |
|   | 17_      |  | _3    | . 47     |  |       | _ 77     |       | 107      |  |        | 137      |  |          | 167      |  |       | 197      |
|   | 18       |  | 10    | 48       |  |       | 78       |       | 108      |  |        | 138      |  |          | 168      |  |       | 198      |
|   | 19       |  |       | 49       |  |       | 79       |       | 109      |  |        | 139      |  |          | 169      |  |       | 199      |
|   | 20       |  |       | 50       |  |       | 80       |       | 110      |  |        | 140      |  |          | 170      |  |       | 200      |
|   | 21       |  |       | 51       |  |       | 81       |       | 111      |  |        | 141      |  |          | 171      |  |       | 201      |
|   | 22       |  |       | 52       |  |       | 82       |       | 112      |  |        | 142      |  |          | 172      |  | ,     | 202      |
| L   | 23       |  |       | 53       |  |       | 83       |       | 113      |  |        | 143      |  |          | 173      |  |       | 203      |
|   | 24       |  |       | 54       |  |       | 84       |       | 114      |  |        | 144      |  |          | 174      |  |       | 204      |
|   | 25       |  |       | 55       |  |       | 85       |       | 115      |  |        | 145      |  |          | 175      |  |       | 205      |
|   | 26       |  |       | 56       |  |       | 86       |       | 116      |  |        | 146      |  |          | 176      |  |       | 206      |
|   | 27       |  |       | 57       |  |       | 87       |       | 117      |  |        | 147      |  |          | 177      |  |       | 207      |
|   | 28       |  |       | 58       |  |       | 88       |       | 118      |  |        | 148      |  |          | 178      |  |       | 208      |
|   | 29       |  |       | 59       |  |       | 89       |       | 119      |  |        | 149      |  |          | 179      |  |       | 209      |
|   | _30      |  | L     | 60       |  |       | 90       |       | 120      |  |        | 150      |  |          | 180      |  |       | 210      |